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ENGINEERS  
AUSTRALIA

# Hall of Fame Inductees

## Engineering Heritage Queensland

### Em Prof Colin J. APELT OAM

*FIEAust CPEng (Ret)*

**INDUCTED IN 2014**

Colin Apelt is Emeritus Professor and Honorary Research Consultant in the Department of Civil Engineering at the University of Queensland. He was appointed Professor of Civil Engineering in 1979 and served as Head of Department from 1982 to 1994.

He researched computational hydraulics applied to floods and tidal flows, and sediment transport; researched fluid mechanics applied to flood flows through waterways, flows in open channels, energy losses, and wave forces on berthing structures; and, ran specialist courses on dredging in Brisbane and on coastal processes and beach protection.

Since 1995, he acted as a consultant in several major flood studies for the Brisbane River system and the Nerang River System, including for a Flood Task Force for Brisbane City Council for the 2011 flood event, on Suburban Flooding in 2005, Floodplain Modelling for GCCC and Dam Operation Analysis of Wivenhoe, Somerset and North Pine Dams.

He was a consultant for coastal processes, including the Tweed River Entrance Sand Bypassing Project, Palm Beach Protection Strategy and proposed Palm Beach Artificial Reef, and Beach Protection Advisory Board, Queensland.

He has published two Books, 91 refereed papers, 36 commissioned technical reports, two technical movies, a technical video and 33 unrefereed papers and research reports.

He gave the 1985 Hawken Address for Engineers Australia Queensland and was the Second Henderson Orator for Engineers Australia's National Committee on Water Engineering in 2001. At the University of Queensland, he served as a member of the Academic Board (1980-1994) and the Faculty of Engineering Executive Committee (1982-1994).

In community service he was a member of the Brisbane Archdiocesan Research Group (1975-1980) and served on the Mater Health Services Advisory Board (1980-1987) and Governing Board (1987-96), including as Chair (1996-2001).

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